

FORM PTO-1390 REV. 2/01T      U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		CUSTOMER NO. 22,852 ATTORNEY'S DOCKET NUMBER  05788.0336  U.S. APPLICATION NO. File No., see 37 CFR 1.5 <b>107518855</b>
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/EP2002/007207	June 28, 2002	
TITLE OF INVENTION FOUR-WAVE-MIXING BASED OPTICAL WAVELENGTH CONVERTER DEVICE		
APPLICANT(S) FOR DO/EO/US Andrea MELLONI; Francesco MORICHETTI; Silvia Maria PIETRALUNGA; and Mario MARTINELLI		
Applicant(s) herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1.	<input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C 371.	
2.	<input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.	
3.	<input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.	
4.	<input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).	
5.	<input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)).	
	a.	<input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).
	b.	<input type="checkbox"/> has been communicated by the International Bureau.
	c.	<input type="checkbox"/> is not required, as the application was filed with the United States Receiving Office (RO/US).
6.	<input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).	
	a.	<input type="checkbox"/> is attached hereto.
	b.	<input type="checkbox"/> has been previously submitted under 35 U.S.C. 154 (d)(4).
7.	<input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)).	
	a.	<input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).
	b.	<input type="checkbox"/> have been communicated by the International Bureau.
	c.	<input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.
	d.	<input checked="" type="checkbox"/> have not been made and will not be made.
8.	<input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).	
9.	<input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).	
10.	<input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).	
Items 11 to 20 below concern document(s) or information included:		
11.	<input checked="" type="checkbox"/> Information Disclosure Statement under 37 CFR 1.97 and 1.98	
12.	<input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.	
13.	<input checked="" type="checkbox"/> A FIRST preliminary amendment, including 22 claims as amended, with Abstract.	
14.	<input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.	
15.	<input type="checkbox"/> A Substitute specification.	
16.	<input type="checkbox"/> A change of power of attorney and/or address letter.	
17.	<input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.	
18.	<input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154 (d)(4).	
19.	<input type="checkbox"/> A second copy of the English language translation of the international application 35 U.S.C. 154 (d)(4).	
20.	<input checked="" type="checkbox"/> Other items or information:	
	a.	<input checked="" type="checkbox"/> Copy of cover page of International Publication No. WO 2004/003653 A1
	b.	<input type="checkbox"/> Copy of Notification of Missing Requirements.
	c.	<input type="checkbox"/>

U.S. APPLICATION NO. (If known, see 37CFR 1.5) <b>10/518855</b>		INTERNATIONAL APPLICATION NO. <b>PCT/EP2002/007207</b>		ATTORNEY'S DOCKET NUMBER <b>05788.0336</b>																				
21. <input checked="" type="checkbox"/> The following fees are submitted:				CALCULATIONS PTO USE ONLY																				
<b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b> \$300.00																								
National Stage Search Fee.....\$500.00																								
National Stage Examination Fee.....\$200.00																								
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>\$1000.00</b>																				
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)).				<input type="checkbox"/> 20 <input type="checkbox"/> 30    \$																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> <th></th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>22</td> <td>- 20 =</td> <td>2</td> <td>x \$50.00    \$ 100.00</td> </tr> <tr> <td>Independent Claims</td> <td>5</td> <td>-3 =</td> <td>2</td> <td>x \$200.00    \$ 400.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+\$360.00</td> <td>\$</td> </tr> </tbody> </table>					CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		Total Claims	22	- 20 =	2	x \$50.00    \$ 100.00	Independent Claims	5	-3 =	2	x \$200.00    \$ 400.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+\$360.00	\$
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Independent Claims	5	-3 =	2	x \$200.00    \$ 400.00																				
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+\$360.00	\$																				
<b>TOTAL OF THE ABOVE CALCULATIONS =</b>				<b>\$1500.00</b>																				
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				\$																				
<b>SUBTOTAL =</b>				<b>\$1500.00</b>																				
Processing fee of \$130.00 for furnishing the English translation later than months from the earliest priority date (37 CFR 1.492(f)).				<input type="checkbox"/> 20 <input type="checkbox"/> 30    \$																				
<b>TOTAL NATIONAL FEE =</b>				<b>\$1500.00</b>																				
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.				\$ +																				
<b>TOTAL FEES ENCLOSED =</b>				<b>\$1500.00</b>																				
				Amount to be refunded: \$																				
				charged: \$																				
a. <input checked="" type="checkbox"/>	A check in the amount of \$ <u>1500.00</u> to cover the above fees is enclosed.																							
b. <input type="checkbox"/>	Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.																							
c. <input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>06-0916</u> . A duplicate copy of this sheet is enclosed.																							
d. <input type="checkbox"/>	Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.																							
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.																								
SEND ALL CORRESPONDENCE TO: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 1300 I Street, N.W. Washington, D.C. 20005-3315																								
 SIGNATURE Ernest F. Chapman, Reg. No. 25,961 NAME/REGISTRATION NO.																								
DATED: December 21, 2004																								